

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/772,502 Confirmation No.: 1346
Applicant : GEE-KUNG CHANG ET AL.
Title : OPTICAL LAYER MULTICASTING USING A SINGLE SUB-
CARRIER HEADER AND A MULTICAST SWITCH WITH ACTIVE
HEADER INSERTION
Filed : JANUARY 30, 2001
TC/A.U. : 2633
Examiner : NEGASH, KINFE MICHAEL
Docket No. : APP 1337-US (UC2002-396-2)
Cust. No. : 8156

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

ISSUE FEE TRANSMITTAL LETTER
(Small Entity)

Dear Sir:

The following items are enclosed:

1. Part B - Fee(s) Transmittal (PTOL-85);
2. Check in the amount of \$ 1030
X \$700 issue fee
X \$300 publication fee
X \$ 30 advance order fee (10 copies)
3. Submittal of Replacement Drawing Sheets (1 page);
4. Five (5) pages of replacement drawing sheets (5 pages).

Date: 6/8/05

Respectfully submitted,

John P. O'Banion, Reg. No. 33,201
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Sacramento, CA 95814
(916) 498-1010

CERTIFICATION UNDER 37 CFR 1.8

I hereby certify that the foregoing:

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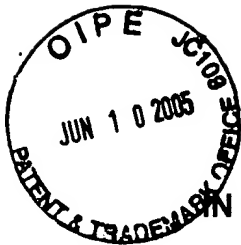
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: GEE-KUNG CHANG et al.
Title: OPTICAL LAYER MULTICASTING USING A SINGLE SUB-CARRIER
HEADER AND A MULTICAST SWITCH WITH ACTIVE HEADER
INSERTION VIA REFLECTIVE SINGLE SIDEBAND OPTICAL
PROCESSING
Filed: 01/30/2001
Group No.: 2633
Examiner: NEGASH, KINFE-MICHAEL
Docket No.: APP 1337-US (UC02-396-2)
Cust. No.: 8156

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Commissioner for Patents
P.O. Box 1450
Washington, D.C. 22313-1450

SUBMITTAL OF REPLACEMENT DRAWING SHEETS

Dear Sir:

Enclosed please find five (5) replacement drawing sheets containing FIG. 1, FIG. 2, FIG. 3, FIG. 4 and FIG. 6.

The enclosed replacement sheets have been amended by adding the phrase "(PRIOR ART)", as requested by the Examiner in the Notice of Allowability mailed on March 15, 2005. Please substitute these sheets for the corresponding drawing sheets originally filed.

Date: 6/8/05

Respectfully submitted,

John P. O'Banion, Reg. No. 33,201
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400 Capitol Mall, Suite 1550
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